

**CONTACTORS - Installation**



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**CONTACTORS - Mini**



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**4 POLE RELAY**



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**CONTACTORS - Standard Frame**



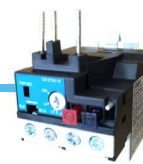
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**CONTACTORS - Large Frame**



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**OVERLOADS - Thermal**



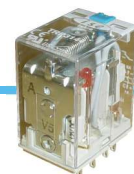
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**CONTROL RELAYS - Industrial**



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**CONTROL RELAYS - Miniature**



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## CONTACTORS

### INSTALLATION CONTACTORS (4 POLE)

DIN Board mounting contactors for Distribution  
230V control only



INSTALLATION CONTACTOR

PARTNO	CURRENT		KW RATING		Price
	AC1	AC1	AC1	AC3 at 400V	
<b>IK25-40-230</b>	25A	16KW	4KW		691.00
<b>IK40-40-230</b>	40A	26KW	11KW		1237.00
<b>IK63-40-230</b>	63A	40KW	15KW		1555.00

### MINI CONTACTORS (3 POLE)



K07M



ND2M AUXILIARY



MECHANICAL INTERLOCK

PARTNO	RATED CURRENT		KW (AC3) 400V	AUX CONT	Price
	AC1	AC3			
<b>K07M Series MINI 3 POLE CONTACTORS</b>					
<b>K07M-10-***</b>	20A	8.5A	4KW	1NO	403.70
<b>K07M-01-***</b>	20A	8.5A	4KW	1NC	403.70
<b>Note: Replace *** with Voltage value : AC - 024, 110, 230, 400</b>					

PARTNO DESCRIPTION

### AUXILIARY CONTACT BLOCKS

<b>ND2M-11</b>	1NO + 1NC	108.80
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### ACCESSORIES & SPARES

<b>MB7</b>	Mechanical Interlock	177.70
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### 4 POLE RELAYS



KNL6-22

PARTNO	CURRENT	CONTACTS	Price
	RATING		
<b>KNL6-22-***</b>	20A	2NO + 2NC	431.00

**Note: Replace \*\*\* with Voltage value : AC - 024, 048, 110, 230, 400**

## CONTACTORS

### STANDARD FRAME CONTACTORS (3 POLE)



PARTNO	RATED CURRENT		KW (AC3) 400V	AUX CONT	Price
	AC1	AC3			
<b>KNL Series 3 POLE CONTACTORS</b>					
KNL9-10-***	25A	8.5A	4KW	1NO	431.00
KNL9-01-***	25A	8.5A	4KW	1NC	431.00
KNL12-10-***	25A	11.5A	5.5KW	1NO	509.00
KNL12-01-***	25A	11.5A	5.5KW	1NC	509.00
KNL16-10-***	25A	15.5A	7.5KW	1NO	638.00
KNL16-01-***	25A	15.5A	7.5KW	1NC	638.00
KNL22-00-***	35A	22.5A	11KW	-	832.00
KNL30-00-***	35A	30.0A	15KW	-	1039.00
KNL43-11-***	75A	45.0A	22KW	1NO + 1NC	2213.00
KNL63-11-***	85A	63.0A	30KW	1NO + 1NC	3461.00

PARTNO	CONTACTOR	COIL VOLTAGES	Price
<b>COILS (50/60 Hz)</b>			
KNL9-56-***	for KNL6 - KNL30	A.C. COILS (24, 48, 110, 230, 400, 500)	146.20
KNL43-56-***	for KNL43 - KNL63	A.C. COILS (24, 48, 110, 230, 400, 500)	609.00

**Note: Replace \*\*\* with Voltage value : AC - 024, 048, 110, 230, 400, 500**

PARTNO	CONTACTOR	DESCRIPTION	Price
<b>AUXILIARY CONTACT BLOCKS</b>			
NDL2-11	for KNL9 - KNL30	1NO + 1NC	125.40
NDL2-02	for KNL9 - KNL30	2NC	125.40
NDL2-13	for KNL9 - KNL30	1NO + 3NC	201.90
NDL2-22	for KNL9 - KNL30	2NO + 2NC	201.90
NDL2-31	for KNL9 - KNL30	3NO + 1NC	201.90
NDL4-11	for KNL43 - KNL63	1NO + 1NC	280.20
NDL4-31	for KNL43 - KNL63	3NO + 1NC	280.20

PARTNO	CONTACTOR	DESCRIPTION	Price
<b>SIDE MOUNT AUXILIARY CONTACT BLOCK</b>			
NPL1-10	for KNL9 - KNL30	1NO (start contact)	111.90
NPL1-01	for KNL9 - KNL30	1NC	111.90

PARTNO	CONTACTOR	DESCRIPTION	Price
<b>ACCESSORIES AND SPARES</b>			
KMPL	for KNL9 - KNL30	DOL Enclosure	612.00
MBL	for KNL9 - KNL30	Mechanical Interlock	244.20
MBL43	for KNL43 - KNL63	Mechanical Interlock	758.00
RC230V	for KNL9 - KNL30	Noise filter	259.20
NT	for KNL9 - KNL30	Blank legend plates	6.53

All Prices Exclude VAT and are subject to change without prior notice.

## CONTACTORS

### LARGE FRAME CONTACTORS (3 POLE)

PARTNO	RATED CURRENT		KW (AC3) 400V	AUX CONT	Price
	AC1	AC3			
<b>KNN Series 3 POLE CONTACTORS</b>					
KNN80-***	125A	80A	37KW	-	4640.00
KNN95-***	125A	95A	45KW	-	5207.00
KNN110-***	135A	110A	55KW	-	5908.00
KNN150-***	230A	150A	75KW	-	7811.00
KNN175-***	250A	175A	90KW	-	9323.00
KNN210-***	350A	210A	110KW	-	11214.00
KNN260-***	450A	260A	132KW	-	11837.00
KNN315-***	500A	315A	160KW	-	16350.00
KNN450-***	550A	450A	250KW	2NO + 2NC	25728.00
KNN550-***	700A	550A	315KW	2NO + 2NC	36119.00
KNN700-***	800A	700A	400KW	2NO + 2NC	50820.00

**Note: Replace \*\*\* with Voltage value : 110, 230, 400**

PARTNO	CONTACTOR	COIL VOLTAGES	Price
<b>COILS &amp; FEEDER GROUPS</b>			
B02-***	for KNN80 - KNN95	AC Coil (110, 230, 400)	678.00
B022-***	for KNN110	AC Coil (110, 230, 400)	1519.00
B031-***	for KNN150 - KNN175	AC Coil (110, 230, 400)	2131.00
B041-***	for KNN210 - KNN315	AC Coil (110, 230, 400)	6106.00
B51-***	for KNN450 - KNN550	AC Coil (110, 230, 400)	4650.00
B61-***	for KNN700	AC Coil (110, 230, 400)	7394.00
} used in conjunction with a Feeder Group below			
FG51-***	for KNN450 - KNN550	Feeder Group	3939.00
FG61-***	for KNN700	Feeder Group	8182.00

**Note: Replace \*\*\* with Voltage value : 110, 230, 400**

PARTNO	CONTACTOR	DESCRIPTION	Price
<b>AUXILIARY CONTACT BLOCKS</b>			
GH15S11	for KNN80 - KNN315	1NO + 1NC side mount	305.00
GH15T01	for KNN80 - KNN110	1NC top mount	133.20
GH15T10	for KNN80 - KNN110	1NO top mount	133.20
GH15T11	for KNN80 - KNN315	1NO + 1NC top mount	203.30
GH15T22	for KNN80 - KNN315	2NO + 2NC top mount	326.10
GH15T31	for KNN80 - KNN315	3NO + 1NC top mount	326.10

### ACCESSORIES AND SPARES

BM0H	for KNN80 - KNN95	Horiz. Mechanical Interlock	199.10
BM3H	for KNN110 - KNN315	Horiz. Mechanical Interlock	606.00
BM5H	for KNN450 - KNN550	Horiz. Mechanical Interlock	2067.00
BM6H	for KNN700	Horiz. Mechanical Interlock	3267.00
CS80	for KNN80	Contact Set	1550.00
CS95	for KNN95	Contact Set	1796.00
CS110	for KNN110	Contact Set	2507.00
CS150	for KNN150	Contact Set	2973.00
CS175	for KNN175	Contact Set	3303.00
CS210	for KNN210	Contact Set	3989.00
CS260	for KNN260	Contact Set	4752.00
CS315	for KNN315	Contact Set	5285.00
CS450	for KNN450	Contact Set	5463.00
CS550	for KNN550	Contact Set	9402.00
CS700	for KNN700	Contact Set	11816.00

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## THERMAL OVERLOADS

PARTNO	CONTACTOR	RANGE	Price
<b>OVERLOADS for KNL9 - KNL30</b>			
<u>TRB14 Series for KNL9 - KNL30 (Discontinued - Replaced by BR16 Series)</u>			
<b>TRB1416-0.4</b>	for KNL9 - KNL16	0.24 - 0.40	374.00
<b>TRB1416-0.63</b>	for KNL9 - KNL16	0.38 - 0.63	374.00
<b>TRB1416-1</b>	for KNL9 - KNL16	0.60 - 1.00	374.00
<b>TRB1416-1.6</b>	for KNL9 - KNL16	0.96 - 1.60	374.00
<u>BR16 Series for KNL9 - KNL30</u>			
<b>BR16-0.4</b>	for KNL9 - KNL16	0.25 - 0.40	558.00
<b>BR16-0.5</b>	for KNL9 - KNL16	0.35 - 0.50	558.00
<b>BR16-0.63</b>	for KNL9 - KNL16	0.45 - 0.63	558.00
<b>BR16-0.8</b>	for KNL9 - KNL16	0.55 - 0.80	558.00
<b>BR16-1</b>	for KNL9 - KNL16	0.75 - 1.00	558.00
<b>BR16-1.3</b>	for KNL9 - KNL16	0.90 - 1.30	558.00
<b>BR16-1.6</b>	for KNL9 - KNL16	1.10 - 1.60	558.00
<b>BR16-2</b>	for KNL9 - KNL16	1.40 - 2.00	558.00
<b>BR16-2.5</b>	for KNL9 - KNL16	1.80 - 2.50	558.00
<b>BR16-3.2</b>	for KNL9 - KNL16	2.30 - 3.20	558.00
<b>BR16-4</b>	for KNL9 - KNL16	2.90 - 4.00	558.00
<b>BR16-4.8</b>	for KNL9 - KNL16	3.50 - 4.80	558.00
<b>BR16-6.3</b>	for KNL9 - KNL16	4.50 - 6.30	558.00
<b>BR16-7.5</b>	for KNL9 - KNL16	5.50 - 7.50	558.00
<b>BR16-10</b>	for KNL9 - KNL16	7.20 - 10.00	558.00
<b>BR16-12.5</b>	for KNL9 - KNL16	9.00 - 12.50	558.00
<b>BR16-16</b>	for KNL9 - KNL16	11.30 - 16.00	558.00
<b>BR16-20</b>	for KNL9 - KNL16	15.00 - 20.00	558.00
<b>BR30-21.5</b>	for KNL22 - KNL30	17.50 - 21.50	596.00
<b>BR30-25</b>	for KNL22 - KNL30	21.00 - 25.00	596.00
<b>BR30-30</b>	for KNL22 - KNL30	24.50 - 30.00	596.00



TRB14



BR16



BR43



BR6

### BR43 Series OVERLOADS for KNL43 - KNL63

<b>BR43-21</b>	for KNL43 - KNL63	14.50 - 21.00	1658.00
<b>BR43-30</b>	for KNL43 - KNL63	21.00 - 30.00	1997.00
<b>BR43-43</b>	for KNL43 - KNL63	30.00 - 43.00	2222.00
<b>BR43-63</b>	for KNL43 - KNL63	43.00 - 63.00	2309.00

### BR6 Series OVERLOADS for KO7M - MINI CONTACTOR

<b>BR6-1.3</b>	for KO7M	0.90 - 1.30	546.00
<b>BR6-1.9</b>	for KO7M	1.30 - 1.90	546.00
<b>BR6-2.8</b>	for KO7M	1.90 - 2.80	546.00
<b>BR6-4</b>	for KO7M	2.80 - 4.00	546.00
<b>BR6-6</b>	for KO7M	4.00 - 6.00	546.00
<b>BR6-9</b>	for KO7M	6.00 - 9.00	546.00

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## PLUG-IN RELAYS & BASES

PARTNO	DESCRIPTION	Price
<b>TRP6 Series INDUSTRIAL CONTROL RELAYS</b>		
Fitted with <b>test key and flag indication.</b>		
<u>Series 68 8 pin plug-in Relays (10 amp rating)</u>		
TRP6822-012AC	12v AC, 8 pin plug-in relay with 2 C/O contacts	149.40
TRP6822-024AC	24v AC, 8 pin plug-in relay with 2 C/O contacts	149.40
TRP6822-110AC	110v AC, 8 pin plug-in relay with 2 C/O contacts	161.90
TRP6822-230AC	230v AC, 8 pin plug-in relay with 2 C/O contacts	161.90
TRP6827-012DC	12v DC, 8 pin plug-in relay with 2 C/O contacts	149.40
TRP6827-024DC	24v DC, 8 pin plug-in relay with 2 C/O contacts	149.40
TRP6827-230DC	230v DC, 8 pin plug-in relay with 2 C/O contacts	161.90
<u>Series 69 11 pin plug-in Relays (10 amp rating)</u>		
TRP6932-012AC	12v AC, 11 pin plug-in relay with 3 C/O contacts	189.00
TRP6932-024AC	24v AC, 11 pin plug-in relay with 3 C/O contacts	189.00
TRP6932-110AC	110v AC, 11 pin plug-in relay with 3 C/O contacts	204.70
TRP6932-230AC	230v AC, 11 pin plug-in relay with 3 C/O contacts	204.70
TRP6937-012DC	12v DC, 11 pin plug-in relay with 3 C/O contacts	189.00
TRP6937-024DC	24v DC, 11 pin plug-in relay with 3 C/O contacts	189.00
TRP6937-230DC	230v DC, 11 pin plug-in relay with 3 C/O contacts	204.70
<u>DIN / Surface Bases</u>		
ES8	for 8 pin plug-in relay	76.50
ES11	for 11 pin plug-in relay	81.50
<b>TRP3 Series MINIATURE CONTROL RELAYS</b>		
Fitted with <b>test &amp; lock key, &amp; LED indication.</b>		
<u>Series 312 8 pin flat plug-in Relays (10 amp rating)</u>		
TRP3124-012AC	12v AC, 8 pin flat plug-in relay with 2 C/O contacts	117.90
TRP3124-024AC	24v AC, 8 pin flat plug-in relay with 2 C/O contacts	117.90
TRP3124-110AC	110v AC, 8 pin flat plug-in relay with 2 C/O contacts	127.70
TRP3124-230AC	230v AC, 8 pin flat plug-in relay with 2 C/O contacts	127.70
TRP3124-012DC	12v DC, 8 pin flat plug-in relay with 2 C/O contacts	117.90
TRP3124-024DC	24v DC, 8 pin flat plug-in relay with 2 C/O contacts	117.90
<u>Series 314 14 pin flat plug-in Relays (5 amp rating)</u>		
TRP3144-012AC	12v AC, 14 pin flat plug-in relay with 4 C/O contacts	118.30
TRP3144-024AC	24v AC, 14 pin flat plug-in relay with 4 C/O contacts	118.30
TRP3144-110AC	110v AC, 14 pin flat plug-in relay with 4 C/O contacts	135.60
TRP3144-230AC	230v AC, 14 pin flat plug-in relay with 4 C/O contacts	135.60
TRP3144-012DC	12v DC, 14 pin flat plug-in relay with 4 C/O contacts	118.30
TRP3144-024DC	24v DC, 14 pin flat plug-in relay with 4 C/O contacts	118.30
<u>DIN / Surface Bases</u>		
ES15/2	for 8 pin flat plug-in relay	81.20
ES15/4	for 14 pin flat plug-in relay	99.60
<b>D.C. Relays are polarity protected</b>		
	8 pin: "+" = pin 2 "-" = pin 7	
	11 pin: "+" = pin 2 "-" = pin 10	



TRP68 & TRP69 AC SERIES



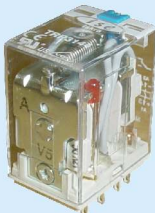
TRP68 & TRP69 DC SERIES



ES SERIES ROUND PIN BASE



TRP31 AC SERIES



TRP31 DC SERIES



ES15 SERIES FLAT PIN BASE

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